

In the Claims

Please amend the claims and add new claim 16 as indicated below. This listing of claims replaces all prior versions.

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1. (currently amended) A data processing apparatus having a user interface assisting in searching for information from an ordered list in a data array, the apparatus comprising:  
an array scroller responsive to user actuation; and  
a helper character-generator, actuated by continued user actuation of the array scroller, the helper character generator being operative to display a helper character representative of a portionsearching position in the list being scrolled and of at least some of the information corresponding to the searching position.
2. (currently amended) The data processing apparatus of claim 1 wherein,  
the helper character shows additional helper characters by  
unactuatingdeactivating the array scroller, then reactuatingreactivating the array scroller.
3. (original) The computing apparatus of claim 1 wherein,  
the helper character display corresponds to a location on a GUI display.
4. (original) The apparatus of claim 1, comprising at least one of the following: a handheld device, a mobile telephone, an Internet-enable device with a browser.
5. (original) The apparatus of claim 4 wherein the item is selected from at least one of the following: alpha-numerical characters, pictographs, letters in a name, prefixes in telephone numbers.
6. (original) The apparatus of claim 1 wherein the list is multi-dimensional.
7. (original) The apparatus of claim 1 wherein the helper character-generator renders a helper character comprising at least one of the following: audio feedback, video feedback, tactile feedback.

8. (currently amended) In a data processing environment, a method for enabling a user to scroll through information in an ordered list in a data array accessible through a data processing device, the method comprising:

enabling the user to scroll through the list, in response to the user actuating the data processing device; and

generating a helper character representative of a searching position in the list and of at least some of the information corresponding to the searching position a portion of the list being scrolled[[;]].

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9. (original) The method of claim 8, wherein the data processing environment comprises a distributed environment.

10. (currently amended) Software for being installed on an information processing apparatus, wherein the software renders the apparatus operative to display a helper character representative of a portionsearching position of an ordered list and of at least some of the information corresponding to the searching position currently being scrolled in response to a user interacting with the apparatus.

11. (currently amended) A service supplied in a client-server configuration, wherein:

the server provides user-access to an ordered list of information items; and

the client is enabled to interact with the server, the server controlling the client to display a helper character representative of a portionsearching position of the list and of at least some of the information corresponding to the searching position currently being scrolledsearched at the client.

12. (currently amended) The network service of claim 11,  
wherein[[,]] the client comprises at least one of the following: a handheld device, a desktop computer, a laptop computer, a wireless telephone handset, a portable media-playing device, and a cell phone.

13. (currently amended) An information storage medium comprising:  
an ordered list of ~~content~~ information items;  
at least one respective helper character corresponding with and representative of a  
~~portion~~searching position in the list ~~being scrolled~~ and of at least some of the information  
corresponding to the searching position ~~a respective one of the items~~; and  
control software for controlling a rendering of a specific one of the helper  
characters during the scrolling of the corresponding one of the items.

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14. (currently amended) The information storage medium of claim [[14]]13 wherein the  
ordered list comprises at least one of the following: a sequence of alpha-numeric  
characters, a sequence of pictographs, a sequence of images, a sequence of sounds.

15. (original) The information storage medium of claim 14 wherein the rendering of a  
specific one of the helper characters comprises at least one of the following: audio  
feedback, video feedback, tactile feedback.

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16. (new) A data processing apparatus having a user interface assisting in searching for  
information from an ordered list in a data array, the apparatus comprising:

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an array scroller adapted to scroll the information at a speed that is responsive to  
user actuation; and  
a helper character-generator, actuated by continued user actuation of the array  
scroller, the helper character generator being operative to display a helper character that  
represents a scrolling position in the list and at least some of the information  
corresponding to the scrolling position.

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